MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

June, 1945

J. A. BROWN, DIRECTOR

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WEATHER BUREAU

JUNE 1945

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	*8.30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	56.5	56.4	56.1	56.3	33.0	20.0	25.4	29.4	23.8	26.2
2	7.1	7.1	7.2	7.1	33.2	20.7	24.7	29.6	25.1	26.5
3	7.4	7.8	8.1	7.8	33.2	19.9	26.7	30.4	24.2	27.1
4	8.0	8.6	8.4	8.3	33.3	20.0	24.9	29.4	23.9	26.1
5	9.4	9.1	8.4	9.0	30.1	19.4	24.9	29.0	22.6	25.5
6	58.6	58.4	57.9	58.3	29.5	19.6	25.0	29.2	23.8	26.0
7	7.6	7.8	7.5	7.6	29.5	19.5	25.1	29.4	23.8	26.1
8	7.2	7.4	7.4	7.3	29.9	20.0	25.1	29.9	23.8	26.3
9	7.4	7.6	6.8	7.3	33.9	22.3	25.8	30.2	23.9	26.6
10	6.6	6.3	6.6	6.5	30.0	69.6	27.8	29.9	20.8	26.2
11	57.3	58.4	59.2	58.3	29.2	20.1	26.2	29.2	23.8	26.4
12	9.8	9.7	9.6	9.7	29.4	20.3	25.7	29.4	22.9	26.0
13	9.6	9.3	8.4	9.1	28.3	19.8	26.2	28.2	23.6	26.0
14	7.8	7.1	6.2	7.0	30.0	19.6	26.0	29.6	24.5	26.7
15	5.2	5.3	5.7	5.4	30.1	20.2	26.6	30.1	24.8	27.2
16	56.1	56.8	56.6	56.5	30.8	20.0	26.6	27.9	24.8	26.4
17	7.8	7.7	8.8	8.1	30.7	20.1	26.1	28.6	24.3	26.3
18	8.9	8.8	9.2	9.0	29.9	20.4	26.2	29.9	24.4	26.8
19	7.1	6.8	6.2	6.7	30.3	20.5	26.0	30.2	25.4	27.2
20	6.2	5.9	6.0	6.0	32.0	21.1	26.9	31.0	26.3	28.1
21	57.2	57.7	57.7	57.5	31.7	22.0	27.1	30.6	25.6	27.8
22	7.9	7.2	7.2	7.4	31.6	22.8	27.2	30.9	25.6	27.9
23	6.8	6.3	6.5	6.5	32.3	22.8	26.6	31.6	26.7	28.3
24	5.9	5.9	5.3	5.7	32.2	21.4	27.2	29.5	26 8	27.8
25	5.1	5.0	5.3	5.1	32.3	22,3	26.7	31.6	25.7	28.0
26	56.8	55.9	56.3	56.3	32.1	24.2	27.7	31.7	26.4	28.6
27	6.6	6.0	5.1	5.9	31.7	22.9	28.2	31.4	25.8	28.5
28	5.2	4.9	4.7	4.9	33.3	22.2	27.6	32.7	26.1	28.8
29	5.2	5.5	5.7	5.5	32.2	22.8	27.6	31.7	27.8	29.0
30	5.6	5.2	4.7	5.2	32.2	22.3	28.0	32.2	26.7	29.0
	57.13	57.06	56.96	57.01	31.26	20.96	26.39	30.14	24.79	27.11

Barometer, range for month 754.7 – 759.8 mm.
,, 62-yr. average for month 758.02 mm.
Thermometer, range for month 19.4°C. — 33.9°C
,, 62-yr. average for month 25.50° C.
Rain, total for month 2.79 m.m.
,, 62-yr. average for month 3.56 m.m.
,, Total, Sept. 1st. to end of month 1077.72 mm.
,, 62-yr. average, Sept. 1st. to end of month 883.92 mm.
* Summer Time

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METEOROLOGICAL REGISTER

Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	16.8	17.7	17.7	17.4	70	58	80	69	13.1	175.0	
2	17.0	18.2	18.0	17.7	73	59	75	69	13.2	266.0	
3	16.6	19.2	17.7	17.8	63	59	79	67	13.1	142.0	
4	16.3	16.0	15.9	16.1	69	52	72	64	13.4	153.0	
5	15.7	15.0	14.8	15.2	67	51	73	64	12.8	187.0	
6	15.5	16.5	16.9	16.3	66	53	76	65	13.0	177.0	
7	15.7	16.3	17.3	16.4	67	53	78	66	13.2	219.0	
8	16.6	17.1	16.5	16.7	70	54	75	66	13.1	169.0	
9	14.6	16.5	16.6	15.9	59	52	75	62	13.0	161.0	
10	14.4	16.2	15.6	15.4	52	51	85	59	12.3	303.0	2.54
11	15.6	16.3	15.0	15.6	61	53	68	61	12.6	262.0	0.25
12	15.5	15.3	15.9	15.6	63	50	77	63	13.1	175.0	
13	16.4	15.8	16.9	16.4	65	56	77	66	13.1	122.0	
14	16.8	16.4	17.2	16.8	67	53	76	65	13.1	169.0	
15	17.0	17.7	17.8	17.5	65	56	76	66	13.2	679.0	
16	16.3	20.0	17.6	18.0	62	71	75	69	13.1	402.0	
17	16.9	16.4	15.7	16.3	67	55	70	64	12.5	303.0	
18	16.6	17.1	16.1	16.6	65	54	71	63	13.2	132.0	
19	17.1	18.2	18.2	17.8	68	57	75	67	13.5	64.0	
20	18.6	19.5	17.2	18.4	70	51	67	63	13.4	61.0	
21	19.2	19.5	19.1	19.3	73	59	78	70	13.4	77.0	
22	19.1	18.9	18.9	19.0	72	56	77	68	13.2	311.0	
23	18.5	19.0	19.6	19.0	71	54	75	67	12.8	322.0	
24	18.6	20.9	19.3	19.6	70	68	73	70	13.0	200.0	
25	17.8	19.2	19.1	18.7	68	54	77	66	13.1	150.0	
26	18.8	18.3	19.7	18.9	68	52	77	66	13.0	138.0	
27	18.4	17.0	16.5	17.3	64	49	67	60	13.4	154.0	
28	19.8	19.1	18.4	19.1	72	52	73	66	13.4	129.0	
29	17.6	18.4	17.9	18.0	64	53	64	60	13.3	290.0	
30	18.7	19.4	19.6	19.2	66	54	72	64	13.2	154.0	
	17.08	17.70	17.42	17.40	66.5	54.9	74.4	65.1	13.09	208.20	0.09

Height of Barometer above sea level: 33.7 meters.
" " Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 3 hours equals G.C.T.
62 year averages are for period, 1875-1936

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METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	2cu	0	0.7	2sw	1sw	1sw	light	
2	0	2cu	0	0.7	2sw	3sw	3sw	,,	M. a.m.
3	0	0	0	0.0	3s	2sw	0	,,	
4	0	0	0	0.0	2sw	1sw	1sw	calm	
5	4ci	1cu	0	1.7	1sw	2sw	0	,,	
6	0	2cu	0	0.7	0	2sw	0	calm	
7	0	1cu	0	0.3	3sw	3sw	0	light	
8	0	1cu	0	0.3	1sw	3sw	0	calm	
9	0	2ci	0	0.7	2sw	1sw	1sw	,,	
10	5ci	3cu	7cu-ni	5.0	1s	1sw	0	light	Lightning at night
11	6cu-ni	2cu	1cu	3.0	2sw	3sw	2sw	slight	
12	0	0	0	0.0	2sw	2sw	0	light	
13	3cu	1cu	0	1.3	0	1nw	0	calm	
14	0	0	0	0.0	1sw	2sw	0	,,	
15	3ci-cu	0	0	1.0	3sw	3sw	1sw	light	
16	0	0	0	0.0	3sw	2sw	1sw	light	
17	7cu	0	0	2.3	2sw	1sw	0	,,	
18	1cu	1cu	0	0.7	1sw	1sw	1sw	calm	
19	0	0	0	0.0	0	1sw	0	,,	
20	0	0	0	0.0	1sw	1nw	0	,,	
21	1cu	0	0	0.3	1sw	1s	0	calm	
22	1cu	0	0	0.3	2sw	1sw	1sw	,,	
23	1cu	1cu	0	0.7	3sw	2sw	1sw	,,	
24	4ci	0	0	1.3	2sw	2sw	0	light	
25	0	2cu	0	0.7	1sw	2sw	1sw	,,	
26	1cu	1cu	0	0.7	2sw	0	1nw	calm	
27	0	0	0	0.0	1nw	1nw	0	,,	
28	0	0	0	0.0	0	1sw	0	,,	
29	0	0	0	0.0	2sw	2sw	2sw	light	
30	0	2cu	0	0.7	2s	1sw	2s	slight	
				0.77					

* Abbreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	0	0	0	3	22	0	1	4	30
14:30	0	0	0	0	1	25	0	3	1	30
20:30	0	0	0	0	1	12	0	1	16	30
Totals	0	0	0	0	5	59	0	5	21	90

Number of days with rain 2, fog 0, thunderstorms 0, gale 0.

62 yr. av. days with rain during month 0.8 days